

# Argininosuccinate synthase, chloroplastic (At4g24830), Recombinant Protein

Cat *RP09818*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1*

**Species** *mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Argininosuccinate synthase, chloroplastic (At4g24830)

## Product Gene Name

At4g24830 recombinant protein

## Product Synonym Gene Name

At4g24830

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

AVLSGDGTAL TTDSKEAGLR GKLKVVLAY SGGLDTSVIV PWLKENYGC VVCFTADVGG GIKELEGLEQ  
KAKASGASQL VVKDLTEEFV KDFIFPCLRA GAIYERKYL GTSMARPVIA KAMVDVAAEV GADAVAHGCT  
GKGNDQVRFE LTFSSLNPEL KVVAPWREWE IQGREDAIEY AKKHNPVPV TKKSIYSRDR NLWHL SHEGD  
LLEDPANEPK KDMYMMSVDP EDAPDQPEYI EIGIESGLPV ALNGKALSPA TLLAELNTIG GKHGIGRIDM  
VENRLVGMKS RGVYETPGGT ILFAAVQELE SLTLDRESIQ VKDTLALKYA EMVYAGRWF D PLRESMDAFM  
EKITETTTGS VTLKLYKGSV SVTGRQSPNS LYRQDISSFE GSEIYNQADA AGFIRLYGLP MKIRAMLKKI S

## Sequence Positions

74-494, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

53,846 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## NCBI Accession #

NP\_194214.2

## NCBI GI #

22328910

## NCBI GenBank Nucleotide #

NM\_118616.5

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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**NCBI GeneID**  
*mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
828586

## NCBI Official Full Name

arginosuccinate synthase family

## NCBI Official Symbol

AT4G24830

## NCBI Official Synonym Symbols

F6I7.40; F6I7\_40

## NCBI Protein Information

arginosuccinate synthase family

## UniProt Gene Name

At4g24830

## UniProt Protein Name

Argininosuccinate synthase, chloroplastic

## UniProt Synonym Protein Names

Citrulline--aspartate ligase

## UniProt Primary Accession #

Q9SZX3

## UniProt Secondary Accession #

Q8VZ47

## UniProt Related Accession #

Q9SZX3

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